

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS:

1 1. (currently amended) Ink composition
2 comprising:
3 - a binder
4 - one or several dyes and/or pigments, and
5 - a solvent ~~ionisable species~~,
6 in which the said solvent comprises at least 10% by
7 weight - in relation to the total weight of the ink -
8 of 1,3-dioxolane, at least 5% by weight of one or
9 several other organic compounds that can dissociate ~~the~~
10 ionisable species in the ink, and less than 5% water
11 and at least one conductivity salt at a level of 0.1 to
12 20% by weight.

1 2. (original) Ink composition according to claim
2 1, comprising from 10 to 85% by weight of dioxolane.

1 3. (previously presented) Ink composition
2 according to claim 1, comprising from 5 to 50% by
3 weight of the said other organic compounds(s).

1 4. (currently amended) Ink composition according
2 to claim 1, in which the said other organic compound(s)
3 are selected from the group consisting of alcohols,

4 ketones, ~~glycol alkylene ethers and esters~~ alkylene
5 glycol ethers, alkylene glycol esters, alkylene glycol
6 ether esters, dimethyl formamide, N-pyrrolidone and any
7 other compounds known for their ability to dissociate
8 ionisable species and, if appropriate, their properties
9 of dissolving the other ingredients in the ink
10 composition and/or to slow down the evaporation of the
11 ink; and their mixtures.

1 5. (currently amended) Ink composition according
2 to claim 4, in which the said other compound(s) are
3 chosen from linear or branched aliphatic alcohols with
4 from 1 to 5 carbon atoms, ketones with from 3 to 10
5 carbon atoms, monoalkylic ethers with 1 to 6 carbon
6 atoms in the alkyl group or dialkyl ethers with 1 to
7 6 carbon atoms in each alkyl group[,] of alkylene
8 glycols with 1 to 10 carbon atoms in the alkylene
9 chain, and ~~esters of the ethers and the alkylene~~
10 ~~glycols~~ the alkylene glycol esters and the alkylene
11 glycol ether esters formed with saturated aliphatic
12 carboxylic acids with 1 to 6 carbon atoms.

1 6. (original) Ink composition according to claim
2 1, in which the said binder comprises one or several
3 resins or polymers.

1 7. (previously presented) Ink composition
2 according to claim 6, in which the said resin(s) and/or

3 polymer(s) are selected from the group consisting of
4 the methacrylic, vinylic, ketonic, phenolic,
5 cellulosic, styrenic, epoxy, polyurethane and styrene -
6 acrylate resins, and the combination of two or more of
7 these.

1 8. (previously presented) Ink composition
2 according to claim 1, comprising 0.1 to 30% by weight
3 of binder.

1 9. (original) Ink composition according to claim
2 1, comprising, in addition, one or several plastifiers
3 at a level of 0.1 to 20% by weight.

1 10. (currently amended) Ink composition according
2 to claim 1, in which the said ~~solvent(s)~~ dye(s) and/or
3 pigment(s) are chosen from dyes and pigments known as
4 "C. I. Solvent Dyes" and "C. I. Pigments".

1 11. (previously presented) Ink composition
2 according to claim 1, comprising 0.1 to 20% by weight
3 of dye(s) and/or pigment(s).

12. (cancelled).

1 13. (currently amended) Ink composition according
2 to claim ~~12~~ 1, in which the said conductivity salt is
3 selected from the group consisting of alkali metal

4 salts, alkaline earth salts and single or quaternary
5 ammonium salts, in the form of halides, perchlorates,
6 nitrates, thiocyanates, formiates, acetates, sulphates
7 and propionates.

1 14. (previously presented) Ink composition
2 according to claim 1, comprising, in addition, one or
3 several additives selected from the group consisting of
4 anti-foaming agents, chemical stabilisers, UV
5 stabilisers, surfactants, inhibitors to prevent salt
6 corrosion, bactericides, fungicides, biocides, and pH
7 buffering agents.

1 15. (previously presented) Process for marking
2 objects by the projection of ink onto these objects,
3 whereby the projected ink is an ink composition
4 according to claim 1.

1 16. (original) Process according to claim 15,
2 whereby the marking is achieved by the technique of
3 continuous deflected ink jet.

1 17. (currently amended) Ink according to claim 5,
2 in which said alkylene glycols are selected from the
3 group consisting of ethylene glycol and ~~propolymer~~
4 propylene glycol.